

## **ABSTRACT**

One embodiment of the invention discloses a method for receiving in a virtual machine(VM) contents of a program for creating a virtual environment for interacting with a host platform in a computing device; and determining by the VM if the received contents comprise predetermined instructions for performing at least one unauthorized task. Another embodiment of the invention discloses a method for receiving a system call for a host platform in communication with a VM of a computing device; and determining by the VM if the received system call comprises at least one predetermined system call for performing at least one unauthorized task. Yet another embodiment of the invention discloses a method for receiving a virtualized memory address for a host platform in communication with a VM of a computing device; and determining by the VM if the received virtualized memory address comprises at least one predetermined unauthorized virtualized memory address.